ideapad

Personal Systems Reference Lenovo® IdeaPad™ Netbooks and Notebooks

December 2010 - Version 390

Lenovo IdeaPad U160

*Visit **www.lenovo.com/psref** for the latest version*

IdeaPad™ S10-3 (0647) -Windows 7 (web only models)

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	PCIe Mini card 802.11	PCIe Mini card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
0647-32U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB[8]	11b/g/n[28]		Red		6-cell	Starter	Jan 10
0647-33U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB	11b/g/n		Black		6-cell	Starter	Jan 10
0647-23U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB	11b/g/n	Gobi2000	Black	Bluetooth	6-cell	Starter	Jan 10
0647-37U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	250GB	11b/g/n		Red		6-cell	Starter	Oct 10
☞ 0647-39U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	250GB	11b/g/n		Red	Bluetooth	6-cell	Starter	Dec 10

- ***Lenovo's netbook: smaller and lighter than a notebook***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Netbook; consumer markets*
Processor	**Intel® Atom™ Processor N450** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** std / 2GB max / **PC2-5300 667MHz DDR2**, non-parity, single-channel, one 200-pin SO-DIMM socket; *Non-italics:* standard memory 1GB in socket; no socket available
Optical drive	None
SATA disk	**160GB** (5400 rpm) or **250GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, external monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys, recovery key, Quick Start button
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*3-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm *6-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm
Weight[2]	*3-cell:* starting at 2.43 lb (1.1 kg) *6-cell:* starting at 2.76 lb (1.25 kg)
Case color	*Top:* black or red, with pattern *buttom:* black *Palm rest:* Gray
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **6-cell**
Battery - life[10]	*3-cell:* up to 3.5 hr; *6-cell:* up to 7.0 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
Gobi™ 2000	*Some:* Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider
Bluetooth™	*Some:* Bluetooth 2.1 wireless + EDR, LED indicator
Modem	None
Ethernet	10/100 ethernet, RealTek® RTL8103EL
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certificated
Security	Power-on password, supervisor password, hard disk password
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Starter Edition

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo MapLife
- Microsoft Office 2010 preloaded; purchase product key to activate

30-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information

☞ US model announced December 1, 2010; previous models on January 18 or October 20, 2010

© Lenovo

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	PCIe Mini card 802.11	PCIe Mini card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
0647-29U	Atom N450	1.66	1GB	10.1" WSVGA	0.3M	GMA 3150	250GB[8]	11b/g/n[28]	None	Black	None	6-cell	Starter	Jan 10

- ***Lenovo's netbook: smaller and lighter than a notebook***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***This system is Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Netbook; consumer markets*
Processor	**Intel® Atom™ Processor N450** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** std / 2GB max / **PC2-5300 667MHz DDR2**, non-parity, single-channel, one 200-pin SO-DIMM socket; *Non-italics:* standard memory 1GB in socket; no socket available
Optical drive	None
SATA disk	**250GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, external monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys, recovery key, Quick Start button
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*3-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm *6-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm
Weight[2]	*3-cell:* starting at 2.43 lb (1.1 kg) *6-cell:* starting at 2.76 lb (1.25 kg)
Case color	*Top:* black, with pattern *buttom:* black *Palm rest:* Gray
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **6-cell**
Battery - life[10]	*3-cell:* up to 3.5 hr; *6-cell:* up to 7.0 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
WWAN	None
Bluetooth™	None
Modem	None
Ethernet	10/100 ethernet, RealTek® RTL8103EL
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certificated
Security	Power-on password, supervisor password, hard disk password
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Starter Edition

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo MapLife
- Microsoft Office 2010 preloaded; purchase product key to activate

30-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information
US model announced January 18, 2010

© Lenovo

IdeaPad™ S10-3 (0647) - Windows 7 (July 2010)

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	PCIe Mini card 802.11	PCIe Mini card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
0647-2AU	Atom N455	1.66	1GB	10.1" WSVGA	0.3M	GMA 3150	160GB[8]	11b/g/n[28]		Black		6-cell	Starter	Jul 10
0647-2BU	Atom N455	1.66	1GB	10.1" WSVGA	0.3M	GMA 3150	250GB	11b/g/n		Black	Bluetooth	6-cell	Starter	Jul 10
0647-2EU	Atom N455	1.66	1GB	10.1" WSVGA	0.3M	GMA 3150	160GB	11b/g/n	Gobi2000	Black		6-cell	Starter	Jul 10

- ***Lenovo's netbook: smaller and lighter than a notebook***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***These system are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Netbook; consumer markets*
Processor	**Intel® Atom™ Processor N455** with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** std / 2GB max / **PC3-10600 1333MHz DDR3***, non-parity, single-channel, one 204-pin SO-DIMM socket; *Non-italics:* standard memory 1GB in socket; no socket available * System automatically clocks down for processors with 667MHz DDR3 memory controller
Optical drive	None
SATA disk	**160GB** (5400 rpm) or **250GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, external monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys, recovery key, Quick Start button
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*3-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm *6-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm
Weight[2]	*3-cell:* starting at 2.43 lb (1.1 kg) *6-cell:* starting at 2.76 lb (1.25 kg)
Case color	*Top:* black; *buttom:* black *Palm rest:* Gray
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **6-cell**
Battery - life[10]	*3-cell:* up to 3.5 hr; *6-cell:* up to 7.0 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
Gobi™ 2000	*Some:* Wireless WAN, Qualcomm chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, contract required with service provider
Bluetooth™	*Some:* Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	10/100 ethernet, RealTek® RTL8103EL
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certified
Security	Power-on password, supervisor password, hard disk password
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Starter Edition

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo MapLife
- Microsoft Office 2010 preloaded; purchase product key to activate

30-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information
US models announced July 7, 2010

© Lenovo

IdeaPad™ S10-3 (0647) - Windows 7 (August 2010) - web only models

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	PCIe Mini card 802.11	PCIe Mini card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
0647-35U	Atom N455	1.66	1GBx1	10.1" WSVGA	0.3M	GMA 3150	250GB[8]	11b/g/n[28]	None	Black	None	6-cell	Starter	Aug 10
☞ 0647-38U	Atom N455	1.66	1GBx1	10.1" WSVGA	0.3M	GMA 3150	250GB	11b/g/n	None	Black	Bluetooth	6-cell	Starter	Dec 10

- ***Lenovo's netbook: smaller and lighter than a notebook***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Netbook; consumer markets*
Processor	**Intel® Atom™ Processor N455** with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** std / 2GB max / **PC3-10600 1333MHz DDR3***, non-parity, single-channel, one 204-pin SO-DIMM socket; *Non-italics:* standard memory 1GB in socket; no socket available * System automatically clocks down for processors with 667MHz DDR3 memory controller
Optical drive	None
SATA disk	**250GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, external monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys, recovery key, Quick Start button
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*3-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.2"; 268mm x 168mm x 16-30.95mm *6-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.5"; 268mm x 168mm x 16-37.45mm
Weight[2]	*3-cell:* starting at 2.43 lb (1.1 kg) *6-cell:* starting at 2.76 lb (1.25 kg)
Case color	*Top:* black; *buttom:* black *Palm rest:* Gray
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **6-cell**
Battery - life[10]	*3-cell:* up to 3.5 hr; *6-cell:* up to 7.0 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
WWAN	None
Bluetooth™	*Some:* Bluetooth 2.1 wireless + EDR, LED indicator
Modem	None
Ethernet	10/100 ethernet, RealTek® RTL8103EL
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (1.5 watt x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certified
Security	Power-on password, supervisor password, hard disk password
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Starter Edition

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo MapLife
- Microsoft Office 2010 preloaded; purchase product key to activate

30-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information
☞ US model announced December 1, 2010; previous models on August 4, 2010

© Lenovo

ideapad

Lenovo IdeaPad S10-3s
White

Lenovo IdeaPad S10-3s
White

Lenovo IdeaPad S10-3s
White

Lenovo IdeaPad S10-3s
White

Lenovo IdeaPad S10-3s
White

Lenovo IdeaPad S10-3s
White

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
0703-22U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB[8]	11b/g/n[28]	None	White	Bluetooth	6-cell	Starter	Apr 10

- ***Lenovo's netbook: smaller and lighter than a notebook***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***This system is Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Netbook; consumer markets*
Processor	**Intel® Atom™ Processor N450** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** std / 2GB max[7] / **PC2-5300 667MHz DDR2**, non-parity, single-channel, one 200-pin SO-DIMM socket; *Non-italics:* standard memory 1GB in socket; no socket available
Optical drive	None
SATA disk	**160GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, external monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys, recovery key, Quick Start button
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*3-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.1"; 270mm x 168mm x 16-28.5mm *6-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.4"; 270mm x 168mm x 16-34.3mm
Weight[2]	*3-cell:* starting at 2.43 lb (1.1 kg) *6-cell:* starting at 2.76 lb (1.25 kg)
Case color	*Top:* white *buttom:* white *Palm rest:* white
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **6-cell**
Battery - life[10]	*3-cell:* up to 3.5 hr; *6-cell:* up to 7.0 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
WWAN	None
Bluetooth™	Bluetooth 2.1 wireless + EDR, LED indicator
Modem	None
Ethernet	10/100 ethernet, Broadcom BCM57790
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 W x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certificated
Security	Administrator password, hard disk password
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Starter Edition

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo MapLife
- Microsoft Office 2010 preloaded; purchase product key to activate

30-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information
US model announced April 28, 2010

© Lenovo

IdeaPad™ S10-3s (0703) -Windows 7 (web only models)

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	PCIe Mini Card 802.11	PCIe Mini Card WWAN	Top color	Bluetooth	Battery	Win7 preload	Avail date
0703-32U	Atom N450	1.66	1GB	10.1" WSVGA	1.3M	GMA 3150	160GB[8]	11b/g/n[28]	None	White	Bluetooth	3-cell	Starter	Apr 10

- ***Lenovo's netbook: smaller and lighter than a notebook***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***This system is Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Netbook; consumer markets*
Processor	**Intel® Atom™ Processor N450** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz) Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** std / 2GB max[7] / **PC2-5300 667MHz DDR2**, non-parity, single-channel, one 200-pin SO-DIMM socket; *Non-italics:* standard memory 1GB in socket; no socket available
Optical drive	None
SATA disk	**160GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor, external monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys, recovery key, Quick Start button
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*3-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.1"; 270mm x 168mm x 16-28.5mm *6-cell: (WxDxH):* 10.6" x 6.6" x 0.6-1.4"; 270mm x 168mm x 16-34.3mm
Weight[2]	*3-cell:* starting at 2.43 lb (1.1 kg) *6-cell:* starting at 2.76 lb (1.25 kg)
Case color	*Top:* white *buttom:* white *Palm rest:* white
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **3-cell**
Battery - life[10]	*3-cell:* up to 3.5 hr; *6-cell:* up to 7.0 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
WWAN	None
Bluetooth™	Bluetooth 2.1 wireless + EDR, LED indicator
Modem	None
Ethernet	10/100 ethernet, Broadcom BCM57790
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (1.5 W x 2) / dual array microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certificated
Security	Administrator password, hard disk password
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Starter Edition

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo MapLife
- Microsoft Office 2010 preloaded; purchase product key to activate

30-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information
US model announced April 28, 2010

© Lenovo

ideapad

Lenovo IdeaPad S10-3t

Lenovo IdeaPad S10-3t
(4-cell model with Cosmic Night pattern)

Lenovo IdeaPad S10-3t
(4-cell model)

Lenovo IdeaPad S10-3t
(4-cell model)

Lenovo IdeaPad S10-3t
(4-cell model with Cosmic Wonder pattern)

Lenovo IdeaPad S10-3t
(4-cell model with Cosmic Wonder pattern)

IdeaPad™ S10-3t Tablet (0651) - Windows 7 (web only models)

Type-model	Processor	GHz	Memory	Widescreen display	Multi-touch screen	Camera	Integrated graphics	SATA disk	PCIe Mini card 802.11	Top color	Bluetooth	Battery	Win7 preload	Avail date
0651-4FU	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	160GB[8]	11b/g/n[28]	Cosmic Night		4-cell	Starter	Jan 10
0651-4EU	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	160GB	11b/g/n	Cosmic Wonder		4-cell	Starter	Jan 10
0651-3EU	N470	1.83	2GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB	11b/g/n	Cosmic Night	Blue	4-cell	Prem 32	Jan 10
0651-86U	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB	11b/g/n	Cosmic Night		4-cell	Starter	Aug 10
☞ 0651-95U	N470	1.83	2GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	320GB	11b/g/n	Cosmic Wonder	Blue	4-cell	Prem 32	Nov 10
☞ 0651-99U	N475	1.83	2GB DDR3	10.1" WSVGA	Multi	1.3M	GMA 3150	320GB	11b/g/n	Cosmic Night	Blue	8-cell	Prem 32	Nov 10

- ***Tablet netbook features a multi-touch panel and a durable steel hinge supporting ±180 degree rotation***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Tablet netbook; consumer markets*
Processor	**Intel® Atom™ Processor N450** or **N470** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading technology, and 512KB L2 cache or **Intel Atom Processor N475** with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** or **2GB** std / 2GB max Some: **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, one 200-pin SO-DIMM socket; Some: **PC3-10600 1333MHz DDR3***, non-parity, dual-channel capable, one 204-pin SO-DIMM socket; * System automatically clocks down for processors with 667MHz DDR3 memory controller
Optical drive	None
SATA disk	**160GB** (5400 rpm), **250GB** (5400 rpm), or **320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, **rotatable dual swivel hinge** for tablet mode, support display auto roation
Touch screen type	**MultiTouch** (touchscreen supports two-finger touch)
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor External monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*4-cell: (WxDxH):* 11.0" x 6.9" x 0.6-1.1"; 280mm x 174mm x 15-27.6mm *8-cell: (WxDxH):* 11.1" x 8.0" x 0.6-1.4"; 282mm x 202mm x 15-35.0mm
Weight[2]	*4-cell:* starting at 2.76 lb (1.25 kg) *8-cell:* starting at 3.31 lb (1.50 kg)
Case color	*Top:* black color with different pattern *buttom:* black *Palm rest:* White
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **4-cell** or **Hybrid 8-cell**
Battery - life[10]	*4-cell:* up to 4 hr; *8-cell:* up to 10 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
Bluetooth™	*Some:* Bluetooth 2.1 wireless + EDR, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom 57780
Audio support	High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certified
Security	Power-on password, supervisor password, hard disk password, security keyhole
Fingerprint reader	None

Preloaded operating system[20]
- Some: Genuine Windows® 7 Starter Edition
- Some: Genuine Windows® 7 Home Premium 32

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo VeriTouch
- Lenovo Natural Touch
- Microsoft® Research AutoCollage Touch (Home Premium only)

30-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information

☞ US models announced November 3, 2010; previous models on January 18 or August 4, 2010

© Lenovo

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Multi-touch screen	Cam-era	Integrated graphics	SATA disk	PCIe Mini card 802.11	Top color	Blue-tooth	Battery	Win7 preload	Avail date
0651-37U	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB[8]	11b/g/n[28]	Cosmic Night	None	8-cell	Starter	Jan 10
☞ 0651-85U	N450	1.66	1GB DDR2	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB	11b/g/n	Cosmic Night	None	4-cell	Prem 32	Aug 10
☞ 0651-7HU	N455	1.66	1GB DDR3	10.1" WSVGA	Multi	1.3M	GMA 3150	250GB	11b/g/n	Cosmic Night	None	4-cell	Prem 32	Aug 10

- ***Tablet netbook features a multi-touch panel and a durable steel hinge supporting ±180 degree rotation***
- ***10.1" widescreen, glossy display with LED backlight***
- ***Super-slim (starts at 0.6 inch thin)***
- ***Integrated camera and Lenovo's VeriFace™ face recognition software helps control access to your notebook by recognizing your face***
- ***OneKey™ Rescue System includes OneKey Recovery with press of recovery key***
- ***Lenovo® Quick Start: Utility for quick access to Web, music, photos, chat, and Skype™ without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Tablet netbook; consumer markets*
Processor	**Intel® Atom™ Processor N450** with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading technology, and 512KB L2 cache or **Intel Atom Processor N455** with single-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 667MHz), integrated graphic controller, Hyper-Threading Technology, and 512KB L2 cache
Memory	**1GB** std / 2GB max / Some: **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, one 200-pin SO-DIMM socket; Some: **PC3-10600 1333MHz DDR3***, non-parity, dual-channel capable, one 204-pin SO-DIMM socket; * System automatically clocks down for processors with 667MHz DDR3 memory controller
Optical drive	None
SATA disk	**250GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, 2.5" platter, not removable, Active Protection System™
Widescreen display	**10.1"** (256.5mm) **WSVGA (1024x600) TFT color**, **VibrantView** (glossy); **LED backlight**, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, **rotatable dual swivel hinge** for tablet mode, support display auto roation
Touch screen type	**MultiTouch** (touchscreen supports two-finger touch)
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 3150 (GMA 3150)**, in processor External monitor support via analog VGA DB-15 connector
Keyboard	Full size keyboard, Fn keys
Touch pad	One-piece touch pad with two button function
Dimensions[3]	*4-cell: (WxDxH):* 11.0" x 6.9" x 0.6-1.1"; 280mm x 174mm x 15-27.6mm *8-cell: (WxDxH):* 11.1" x 8.0" x 0.6-1.4"; 282mm x 202mm x 15-35.0mm
Weight[2]	*4-cell:* starting at 2.76 lb (1.25 kg) *8-cell:* starting at 3.31 lb (1.50 kg)
Case color	*Top:* black color with different pattern *buttom:* black *Palm rest:* White
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion, **4-cell** or **Hybrid 8-cell**
Battery - life[10]	*4-cell:* up to 4 hr; *8-cell:* up to 10 hr
Chipset	**Intel NM10 Express Chipset**
ExpressCard/34	None
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Two USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCI Express Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card adapter; Intel, Broadcom®, or Atheros chip
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet, Broadcom 57780
Audio support	High Definition (HD) Audio, Conexant® CX20582 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm), Dolby® Headphone™ certified
Security	Power-on password, supervisor password, hard disk password, security keyhole
Fingerprint reader	None

Preloaded operating system[20]
- Some: Genuine Windows® 7 Starter Edition
- Some: Genuine Windows® 7 Home Premium 32

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace
- Quick Start
- Lenovo VeriTouch
- Lenovo Natural Touch
- BumpTop™
- Microsoft® Research AutoCollage Touch (Home Premium only)
- Microsoft Office 2010 preloaded; purchase product key to activate

30-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **2-year Mail-In warranty** 78Y1544
  - **3-year Mail-In warranty** 78Y1547
  - **1-year accidental damage protection via Mail-In** 78Y1543
  - **2-year accidental damage protection via Mail-In** 78Y1545
  - **3-year accidental damage protection via Mail-In** 78Y1548
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**

See footnotes for important warranty information
☞ US models announced August 4, 2010; previous models on January 18, 2010

© Lenovo

ideapad

Lenovo IdeaPad U160

Lenovo IdeaPad U160

Lenovo IdeaPad U160
black cover

Lenovo IdeaPad U160
red cover

Lenovo IdeaPad U160
red cover

Lenovo IdeaPad U160
red cover

IdeaPad™ U160 (0894) - Windows 7 (web only models)

Type-model	Pro cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	PCIe Mini Card 802.11	Top color	Bluetooth	Battery	Win7 preload	Avail date
✂ 0894-5JU	i5-520UM	1.06	1.86	*4GB*	11.6" HD	1.3M	Intel HD	320GB[8]	11b/g/n[28]	Black	Bluetooth	6-cell	Prem 32	Jun 10
✂ 0894-55U	i7-640UM	1.20	2.26	*4GB*	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Black	Bluetooth	6-cell	Prem 64	Jun 10
✂ 0894-59U	i7-640UM	1.20	2.26	*4GB*	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Red	Bluetooth	6-cell	Prem 64	Jun 10
☞ 0894-5KU	i5-470UM	1.33	1.86	*4GB*	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Red	Bluetooth	6-cell	Prem 64	Nov 10
☞ 0894-5LU	i5-470UM	1.33	1.86	*4GB*	11.6" HD	1.3M	Intel HD	500GB	11b/g/n	Black	Bluetooth	6-cell	Prem 64	Nov 10
☞ 0894-5MU	i3-380UM	1.33		*4GB*	11.6" HD	1.3M	Intel HD	320GB	11b/g/n	Black	Bluetooth	6-cell	Prem 64	Nov 10

- ***Thin and light design for easy mobility***
- ***11.6" HD widescreen, glossy display with LED backlight***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system with stereo speakers (1.5 watt x 2)***
- ***HDMI port, HDCP-compliant***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; one-spindle*
Processor	**Intel® Core™ i3 processor i3-380UM** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 800MHz), 3MB cache or **Intel Core i5 processor i5-470UM** or **i5-520UM** with **dual-core**, DMI, integrated DDR3 memory controller (up to 800MHz), Intel Turbo Boost, Hyper-Threading technology, 3MB cache or **Intel Core i7 processor i7-640UM** with **dual-core**, DMI, integrated DDR3 memory controller (up to 800MHz), Intel Turbo Boost, Hyper-Threading technology, and 4MB cache
Memory	**4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
Optical drive	None
SATA disk	**320GB** (5400 rpm) or **500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™
Widescreen display	**11.6"** (294.6mm) **HD** (WXGA 1366x768) **TFT color**, **VibrantView** (glossy), **LED backlight**, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, multimedia Fn keys, recovery button
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*6-cell: (WxDxH):* 11.4" x 7.6" x 0.89"; 290mm x 193mm x 22.5mm
Weight[2]	*6-cell:* starting at 3.09 lb (1.4kg)
Case color	*Top:* black or red top with texture; *Bottom:* black or red bottom, color matches top color
Case material	*Top:* Aluminum *Bottom:* PC/ABS
Battery - type	Lithium Ion, **6-cell**
Battery - life[10]	*6-cell:* up to 7 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	Two PCI Express Mini Card slots 11b/g/n wireless[4], PCIe Mini Card adapter, Broadcom® BCM4313 or Atheros® AR9285
Bluetooth™	Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	Gigabit ethernet, Atheros AR8131
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ certified / dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Administrator password, hard disk password, security keyhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- CyberLink YouCam
- ooVoo™
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace™
- Lenovo Security Suite
- Microsoft Office 2010 preloaded; purchase product key to activate

40-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced November 3, 2010; previous models on June 23, 2010
✂ US models withdrawn effective November 2010

© Lenovo

ideapad

Lenovo IdeaPad U260
Clementine Orange cover

Lenovo IdeaPad U260

Lenovo IdeaPad U260
Mocha Brown cover

Lenovo IdeaPad U260
Mocha Brown cover

Lenovo IdeaPad U260
Clementine Orange cover

Lenovo IdeaPad U260
Mocha Brown cover

IdeaPad™ U260 (0876) - Windows 7 (web only models)

Type-model	Pro cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	PCIe Mini Card 802.11	Top color	Bluetooth	Battery	Win7 preload	Avail date
0876-33U	i5-470UM	1.33	1.86	4GB	12.5" HD	0.3M	Intel HD	320GB[8]	Intel 1000[28]	Mocha	Bluetooth	4-cell	Prem 64	Nov 10
0876-32U	i3-380UM	1.33		4GB	12.5" HD	0.3M	Intel HD	320GB	Intel 1000	Mocha	Bluetooth	4-cell	Prem 64	Nov 10
0876-34U	i5-470UM	1.33	1.86	4GB	12.5" HD	0.3M	Intel HD	320GB	Intel 1000	Orange	Bluetooth	4-cell	Prem 64	Nov 10

- ***Ultra slim and light design for easy mobility***
- ***12.5" HD widescreen, anti-glare display with LED backlight***
- ***Breathable Keyboard, an spill-resistant keyboard that also dissipates heat through the keys***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system with stereo speakers (1 watt x 2)***
- ***HDMI port, HDCP-compliant***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; one-spindle*
Processor	**Intel® Core™ i3 processor i3-380UM** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 800MHz), 3MB cache or **Intel Core i5 processor i5-470UM** with **dual-core**, DMI, integrated DDR3 memory controller (up to 800MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, one 204-pin SO-DIMM socket
Diskette drive	None
Optical drive	None
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 7mm high, 2.5" platter, Active Protection System™
Widescreen display	**12.5"** (317.5mm) **HD** (WXGA 1366x768) **TFT color**, anti-glare, **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, spill-resistant, multimedia Fn keys, recovery button
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*4-cell: (WxDxH):* 12.5" x 8.1" x 0.71"; 318mm x 204.5mm x 18mm
Weight[2]	*4-cell:* starting at 3.04 lb (1.38kg)
Case color	*Top:* Clementine Orange or Mocha Brown top; *Bottom:* Clementine Orange or Mocha Brown, color matches top color
Case material	*Top:* magnesium-aluminum alloy; *Bottom:* magnesium-aluminum alloy
Battery - type	Lithium Polymer, **4-cell**
Battery - life[10]	*4-cell:* up to 4 hr
Chipset	**Mobile Intel QS57 Express Chipset**
ExpressCard/34	None
Multicard reader	None
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card Intel 1000[28]	One PCI Express Mini Card slot; 11b/g/n wireless[4], PCIe Mini Card adapter, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	Gigabit ethernet, Atheros AR8151
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1 watt x 2), Dolby® Advanced Audio™ certified / microphone, microphone input and headphone combo jack (3.5 mm)
Security	Administrator password, hard disk password, security keyhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo® OneKey Recovery
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Essential
- CyberLink YouCam
- ooVoo™
- Lenovo ReadyComm
- Lenovo Energy Management Software
- Lenovo DirectShare
- VeriFace™
- Lenovo Security Suite
- Microsoft Office 2010 preloaded; purchase product key to activate

40-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced November 3, 2010

© Lenovo

ideapad

Lenovo IdeaPad U460/U460s

Lenovo IdeaPad U460/U460s

Lenovo IdeaPad U460/U460s
Black cover

Lenovo IdeaPad U460/U460s
Black cover

Lenovo IdeaPad U460/U460s
Midnight Plum cover

Lenovo IdeaPad U460/U460s

IdeaPad™ U460 (0877) - GMA (Windows 7) - web only models

	Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Battery	Win7 preload	Avail date
✂	0877-23U	i3-350M	2.26	None	2GBx2	14.0" HD	1.3M	Intel HD	500GB[8]	Intel 1000[28]	Black	Fing	Blue	8-cell	Prem 64	Jul 10
☞	0877-2CU	i3-370M	2.40	None	2GBx2	14.0" HD	1.3M	Intel HD	500GB	Intel 1000	Midnight Plum	Fing	Blue	8-cell	Prem 64	Nov 10

- ***14.0" HD widescreen, glossy display with LED backlight***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ system with two stereo speakers***
- ***HDMI port, HDCP-compliant***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; one-spindle*
Processor	**Intel® Core™ i3-350M** or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;
Diskette drive	None
SATA optical drive	None
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™
Widescreen display	**14.0"** (355.6mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel HD Graphics** in processor, External monitor support via analog VGA DB-15 connector / digital HDMI connector
Keyboard	Full-size keyboard, 6-row, Fn keys, recovery button
Touch controls	Power plan button and mute button
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 13.3" x 9.3" x 0.8-1.0"; 338mm x 235mm x 21-24.9mm
Weight[2]	*8-cell:* starting at 4.3 lb (1.95kg)
Case color	Black top with square weave texture or Midnight Plum with hairline texture, black bottom, and silver palm rest
Case material	*Top and palm rest:* PC/ABS with Aluminum cover; *bottom:* PC/ABS
Battery - type	Lithium Ion **8-cell**
Battery - life[10]	*8-cell:* up to 6 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card Intel 1000[28]	Three PCIe Mini Card slots, two full size and one half size 11b/g/n wireless[4], PCIe Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	Gigabit ethernet, Atheros® AR8131M
Audio support	High Definition (HD) Audio, RealTek AD259 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	User password, supervisor password, hard disk password, security keyhole
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo™ OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Fingerprint Software
- Windows Live™ Essential
- CyberLink YouCam
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Lenovo Security Suite
- ooVoo™
- Microsoft Office 2010 preloaded; purchase product key to activate

65-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced November 3, 2010; previous model on July 28, 2010
✂ US model withdrawn effective November 2010

© Lenovo

IdeaPad™ U460 (0877) - Switchable (Windows 7) - web only models

	Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	Switchable graphics	SATA disk GB[8] rpm		PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Battery	Win7 preload	Avail date
✂	0877-22U	i5-450M	2.40	2.66	2GBx2	14.0" HD	Intel HD, GeF 305M	500	5400	Intel 1000[28]	Black	Fing	Blue	8-cell	Prem 64	Jul 10
	0877-2AU	i5-560M	2.66	3.20	2GBx2	14.0" HD	Intel HD, GeF 305M	500	5400	Intel 1000	Midnight Plum	Fing	Blue	8-cell	Prem 64	Nov 10
	0877-2BU	i5-460M	2.53	2.80	2GBx2	14.0" HD	Intel HD, GeF 305M	500	5400	Intel 1000	Midnight Plum	Fing	Blue	8-cell	Prem 64	Nov 10
☞	0877-25U	i5-460M	2.53	2.80	2GBx2	14.0" HD	Intel HD, GeF 305M	500	7200	Intel 1000	Black	Fing	Blue	8-cell	Prem 64	Dec 10
☞	0877-26U	i5-560M	2.66	3.20	4+2GB	14.0" HD	Intel HD, GeF 305M	500	5400	Intel 1000	Black	Fing	Blue	8-cell	Prem 64	Dec 10

- ***14.0" HD widescreen, glossy display with LED backlight***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ system with two stereo speakers***
- ***HDMI port, HDCP-compliant***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; one-spindle*
Processor	**Intel® Core™ i5 processor i5-450M**, **i5-460M**, or **i5-560M** with **dual-core,** DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** or **6GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;
Diskette drive	None
SATA optical drive	None
SATA disk	**500GB** (5400 rpm) or **500GB** (7200 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™
Widescreen display	**14.0"** (355.6mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Switchable graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, **Intel HD Graphics** in processor, and **NVIDIA® GeForce® 305M**, PCI Express® x16, **512MB** memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector
Keyboard	Full-size keyboard, 6-row, Fn keys, recovery button
Touch controls	GPU switch button, power plan button, and mute button
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 13.3" x 9.3" x 0.8-1.0"; 338mm x 235mm x 21-24.9mm
Weight[2]	*8-cell:* starting at 4.3 lb (1.95kg)
Case color	Black top with square weave texture or Midnight Plum with hairline texture, black bottom, and silver palm rest
Case material	*Top and palm rest:* PC/ABS with Aluminum cover; *bottom:* PC/ABS
Battery - type	Lithium Ion **8-cell**
Battery - life[10]	*8-cell:* up to 6 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots, two full size and one half size
Intel 1000[28]	11b/g/n wireless[4], PCIe Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	Gigabit ethernet, Atheros® AR8131M
Audio support	High Definition (HD) Audio, RealTek AD259 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	User password, supervisor password, hard disk password, security keyhole
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo™ OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Fingerprint Software
- Windows Live™ Essential
- CyberLink YouCam
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Lenovo Security Suite
- ooVoo™
- Microsoft Office 2010 preloaded; purchase product key to activate

65-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced December 1, 2010; previous models on July 28 or November 3, 2010
✂ US model withdrawn effective November 2010

© Lenovo

IdeaPad™ U460s (0885) - Switchable (Windows 7)

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Cam-era	Switchable graphics	SATA disk	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Battery	Win7 preload	Avail date
0885-25U	i3-330UM	1.20	None	2GBx2	14.0" HD	1.3M	Intel HD, GeF 305M	320GB[8]	11b/g/n[28]	Black	Fing	Blue	8-cell	Prem 64	Jul 10
0885-26U	i3-330UM	1.20	None	2G+1G	14.0" HD	1.3M	Intel HD, GeF 305M	250GB	11b/g/n	Black	Fing	Blue	8-cell	Prem 32	Jul 10

- ***14.0" HD widescreen, glossy display with LED backlight***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ system with two stereo speakers***
- ***HDMI port, HDCP-compliant***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; one-spindle*
Processor	**Intel® Core™ i3 processor i3-330UM** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 800MHz), Hyper-Threading technology and 3MB cache
Memory	**3GB** or **4GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets;
Diskette drive	None
SATA optical drive	None
SATA disk	**250GB** (5400 rpm) or **320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™
Widescreen display	**14.0"** (355.6mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Switchable graphics	Switches between discrete and integrated graphics via graphics mode software **Intel HD Graphics** in processor, and **NVIDIA® GeForce® 305M**, PCI Express® x16, **512MB** memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, External monitor support via analog VGA DB-15 connector / digital HDMI connector
Keyboard	Full-size keyboard, 6-row, Fn keys, recovery button
Touch controls	GPU switch button, power plan button, and mute button
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 13.3" x 9.3" x 0.8-1.0"; 338mm x 235mm x 21-24.9mm
Weight[2]	*8-cell:* starting at 4.3 lb (1.95kg)
Case color	Black top with square weave texture, black bottom, and silver palm rest
Case material	*Top and palm rest:* PC/ABS with Aluminum cover; *bottom:* PC/ABS
Battery - type	Lithium Ion **8-cell**
Battery - life[10]	*8-cell:* up to 8 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	None
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots, two full size and one half size
11b/g/n[28]	11b/g/n wireless[4], PCIe Mini Card, Broadcom® or Atheros® chip
Bluetooth™	Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	Gigabit ethernet, Atheros® AR8131M
Audio support	High Definition (HD) Audio, RealTek AD259 codec / stereo speakers (1.5 watt x 2), Dolby® Advanced Audio™ system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	User password, supervisor password, hard disk password, security keyhole
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo™ OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Fingerprint Software
- Windows Live™ Essential
- CyberLink YouCam
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Lenovo Security Suite
- ooVoo™
- Microsoft Office 2010 preloaded; purchase product key to activate

65-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced July 28, 2010

© Lenovo

ideapad

Lenovo IdeaPad U550

Lenovo IdeaPad U550

Lenovo IdeaPad U550

Lenovo IdeaPad U550 cover

Lenovo IdeaPad U550

Lenovo IdeaPad U550
Lightweave pattern cover

IdeaPad™ U550 (3749) - GMA (Windows 7)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Battery	Win 7 preload	Avail date
3749-5EU	SU4100	1.30	*3GB*	15.6" HD	1.3M	GMA 4500MHD	250GB[8]	DVD±RW	Intel 5100[28]	Black	Fing	Blue	6-cell	Prem 32	Oct 09
3749-54U	SU4100	1.30	*4GB*	15.6" HD	1.3M	GMA 4500MHD	250GB	DVD±RW	Intel 5100	Black	Fing	Blue	6-cell	Prem 32	Oct 09
3749-59U	SU7300	1.30	*4GB*	15.6" HD	1.3M	GMA 4500MHD	320GB	DVD±RW	Intel 5100	Black	Fing		6-cell	Prem 64	Oct 09
☞ 3749-5BU	SU4100	1.30	*3GB*	15.6" HD	1.3M	GMA 4500MHD	250GB	DVD±RW	11b/g[11]	Black	Fing		6-cell	Prem 32	Apr 10

- ***15.6" HD widescreen, glossy display with LED backlight***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Home Sound Room™ premium audio system with two stereo speakers***
- ***HDMI port, HDCP-compliant***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Pentium® processor SU4100** with ultra low voltage, **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core™ 2 Duo processor SU7300** with ultra low voltage, **dual-core**, 800MHz system bus, and 3MB L2 cache
Memory	**3GB** or **4GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in
SATA disk	**250GB** (5400 rpm) or **320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, not removable
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy), **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GS45, External monitor support via analog VGA DB-15 connector / digital HDMI connector; Maximum external resolution: 2048x1536@75Hz (VGA)
Keyboard	Full-size keyboard, 6-row, multimedia Fn keys, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 14.8" x 9.9" x 0.9-1.2"; 377mm x 251mm x 24~29.4mm
Weight[2]	*6-cell:* starting at 5.3 lb (2.4kg)
Case color	Black top with square weave texture, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 6 hr
Chipset	**Mobile Intel GS45 Express Chipset** (Graphics Memory Controller Hub), **82801IUX-SFF** I/O Controller Hub **(ICH9M-SFF)** (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)
ExpressCard/34	None
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two Mini PCI Express slots
11b/g[11]	*Some:* 11b/g wireless[4], PCIe Mini Card, Broadcom® BCM4312
Intel 5100[28]	*Some:* 11a/b/g/n wireless[4], PCIe Mini Card, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	*Some:* Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Atheros® AR8131
Audio support	High Definition (HD) Audio, RealTek AD269 codec / two stereo speakers (1.5 watt), Dolby® Home Sound Room™ audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security keyhole
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo™ OneKey Recovery
- Lenovo ReadyComm
- McAfee VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Fingerprint Software
- Easy Capture
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced April 7, 2010; previous models on October 22, 2009

© Lenovo

IdeaPad™ U550 (3749) - Switchable (Windows 7)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Switchable graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Finger print reader	Blue-tooth	Battery	Win 7 preload	Avail date
3749-55U	SU7300	1.30	*4GB*	15.6" HD	1.3M	GMA, HD4330	320GB[8]	DVD±RW	✣ Intel 5100[28]	Black	Fing	Blue	6-cell	Prem 64	Oct 09

- ***15.6" HD widescreen, glossy display with LED backlight***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Home Sound Room™ premium audio system with two stereo speakers***
- ***HDMI port, HDCP-compliant***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ 2 Duo processor SU7300** with ultra low voltage, **dual-core**, 800MHz system bus, and 3MB L2 cache
Memory	**4GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, not removable
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy), **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus
Switchable graphics	Dynamic switching between discrete and integrated graphics (user selectable), **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GS45, and **ATI™ Mobility Radeon™ HD 4330**, PCI Express® x16, **512MB** memory, DirectX® 10.1, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, multimedia Fn keys, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 14.8" x 9.9" x 0.9-1.2"; 377mm x 251mm x 24~29.4mm
Weight[2]	*6-cell:* starting at 5.3 lb (2.4kg)
Case color	Black top with square weave texture, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* Up to 4 hr (discrete graphics); up to 6 hr (integrated graphics)
Chipset	**Mobile Intel GS45 Express Chipset** (Graphics Memory Controller Hub), **82801IUX-SFF** I/O Controller Hub **(ICH9M-SFF)** (SATA 3Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)
ExpressCard/34	None
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
Mini PCI Express	Two Mini PCI Express slots
Intel 5100[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Atheros® AR8131
Audio support	High Definition (HD) Audio, RealTek AD269 codec / two stereo speakers (1.5 watt), Dolby® Home Sound Room™ audio system / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security keyhole
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo™ OneKey Recovery
- Lenovo ReadyComm
- McAfee VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Fingerprint Software
- Easy Capture
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
EPEAT™ Silver rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced October 22, 2009

✣Intel Centrino® 2 processor technology

© Lenovo

ideapad

Lenovo IdeaPad V460

Lenovo IdeaPad V460

Lenovo IdeaPad V460

Lenovo IdeaPad V460

Lenovo IdeaPad V460

Lenovo IdeaPad V460

IdeaPad™ V460 (0886) - GMA (Windows 7) - web only models

	Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Finger print reader	Blue-tooth	Win7 preload	Avail date
✂	0886-27U	i3-330M	2.13	None	*4GB*	14.0" HD	LED	1.3M	Intel HD	320GB[8]	DVD±RW	Intel 1000	Black	Fing	Blue	Prem 64	Mar 10
☞	0886-2PU	i3-370M	2.40	None	*4GB*	14.0" HD	LED	1.3M	Intel HD	320GB	DVD±RW	Intel 1000	Black	Fing	Blue	Prem 64	Dec 10

- ***14.0" widescreen, glossy display with LED backlight***
- ***Integrated 1.3 megapixel camera***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***Fingerprint reader for easy and secure login***
- ***BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password***
- ***USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-330M** or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™
Widescreen display	**14.0"** (355.6mm) **HD** (WXGA 1366x768) **TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector
Keyboard	Full-size keyboard, 6-row, recovery key
Touch controls	Touch-sensitive buttons for volume +/-, mute, and Lenovo Security Suite
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.4" x 9.2" x 0.8" to 1.3"; 340mm x 234.6mm x 20.2mm to 32.9mm
Weight[2]	with optical drive and battery: *6-cell:* 4.85 lb (2.2 kg)
Case color	Black top, black bottom
Case material	*Top and palm rest:* Aluminum *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	4-in-1 reader (MMC, Memory Stick PRO™, Secure Digital Card, SDHC Card)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCIe Mini Card slots
Intel 1000	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface
Modem	None
Ethernet	Gigabit ethernet, Atheros® AR8131, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo Security Suite
- USB Port Locker
- BioExcess

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced December 1, 2010; previous model on March 24, 2010
✂ US model withdrawn effective December 2010

© Lenovo
(ALM1-1) December 2010

IdeaPad™ V460 (0886) - Switchable (web only models)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Switchable graphics	SATA disk GB[8] rpm	SATA optical	PCIe Mini Card 802.11	Top color	Finger print reader	Win7 preload	Avail date
✂ 0886-26U	i5-430M	2.26	2.53	*4GB*	14.0" HD	LED	Intel HD, GF 310M 512MB	320GB 5400	DVD±RW	Intel 1000	Black	Fing	Prem 64	Mar 10
☞ 0886-2MU	i5-560M	2.66	3.20	*4GB*	14.0" HD	LED	Intel HD, GF 310M 1GB	500GB 7200	DVD±RW	Intel 1000	Black	Fing	Prem 64	Dec 10
☞ 0886-2NU	i5-460M	2.53	2.80	*4GB*	14.0" HD	LED	Intel HD, GF 310M 512MB	500GB 5400	DVD±RW	Intel 1000	Black	Fing	Prem 64	Dec 10

- ***14.0" widescreen, glossy display with LED backlight***
- ***Dynamic switching between discrete and integrated graphics (user selectable)***
- ***Integrated 1.3 megapixel camera***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***Fingerprint reader for easy and secure login***
- ***BioExcess provides a convenient way to quickly encrypt or decrypt files, switch accounts, and manage password***
- ***USB Port Locker prevents unauthorized access by requiring fingerprint scan to unlock***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i5 processor i5-430M**, **i5-460M**, or **i5-560M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm), **500GB** (5400 rpm), or **500GB** (7200 rpm) / SATA 3.0Gb/s, 9.5mm high, Active Protection System™
Widescreen display	**14.0"** (355.6mm) **HD** (WXGA 1366x768) **TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Switchable graphics	Switches between discrete and integrated graphics via graphic switch **Intel HD Graphics** in processor, and **NVIDIA® GeForce® 310M**, PCI Express x16, **512MB** or **1GB** memory, DirectX 10.1, PureVideo® HD technology, CUDA™ technology, VGA, HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key
Touch controls	Touch-sensitive buttons for volume +/-, mute, and Lenovo Security Suite
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.4" x 9.2" x 0.8" to 1.3"; 340mm x 234.6mm x 20.2mm to 32.9mm
Weight[2]	with optical drive and battery: *6-cell:* 4.85 lb (2.2 kg)
Case color	Black top, black bottom
Case material	*Top and palm rest:* Aluminum *Bottom:* Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	4-in-1 reader (MMC, Memory Stick PRO™, Secure Digital Card, SDHC Card)
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCIe Mini Card slots
Intel 1000	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface
Modem	None
Ethernet	Gigabit ethernet, Atheros® AR8131, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC269 codec / stereo speakers (1.5 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo Security Suite
- USB Port Locker
- BioExcess

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced December 1, 2010; previous model on March 24, 2010
✂ US model withdrawn effective December 2010

© Lenovo

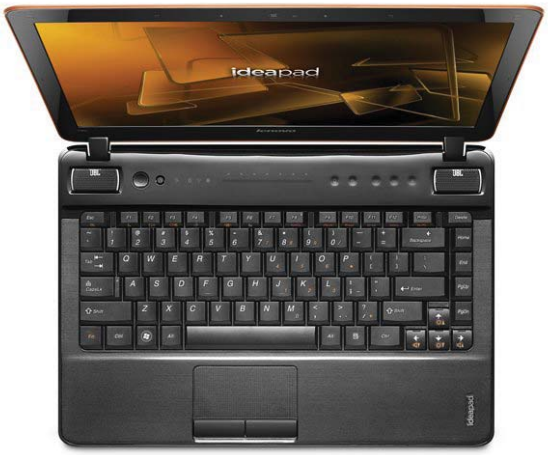
ideapad

Lenovo IdeaPad Y460

Lenovo IdeaPad Y460

Lenovo IdeaPad Y460

Lenovo IdeaPad Y460



Lenovo IdeaPad Y460

Lenovo IdeaPad Y460

IdeaPad™ Y460 (0633) - GMA (Windows 7) - web only models

	Type-model	Pro-cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Bluetooth	Win7 preload	Avail date
✂	0633-47U	i3-330M	2.13	*4GB*	14.0" HD	LED	1.3M	Intel HD	320GB[8]	DVD±RW	Intel 1000	Black	Bluetooth	Prem 64	Mar 10
	0633-4DU	i3-350M	2.26	*4GB*	14.0" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Bluetooth	Prem 64	Nov 10
	0633-4FU	i3-370M	2.40	*4GB*	14.0" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Bluetooth	Prem 64	Nov 10
☞	0633-4EU	i3-370M	2.40	*3GB*	14.0" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000	Black	Bluetooth	Prem 32	Dec 10

- ***14.0" widescreen, glossy display with LED backlight***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-330M**, **i3-350M**, or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache
Memory	**3GB** or **4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) or **500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **HD** (WXGA 1366x768) **TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key
Touch controls	Lenovo SlideNav bar, Power on, OneKey Theater, and Energy Management keys mute, volume up, volume down buttons
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 13.4" x 9.3" x 0.8" to 1.3"; 340mm x 235mm x 20mm to 32.8mm
Weight[2]	with optical drive and battery: *6-cell:* 4.71 lb (2.1 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCIe Mini Card slots
Intel 1000	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced December 1, 2010; previous models on February 16 or November 3, 2010
✂ US model withdrawn effective November 2010

© Lenovo
(GL1-1) December 2010

IdeaPad™ Y460 (0633) - Switchable

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Switchable graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0633-42U	i3-330M	2.13		*4GB*	14.0" WXGA	LED	1.3M	Intel HD, HD 5650	500GB[8]	DVD±RW	Intel 1000	Black	None	Prem 64	Mar 10
0633-44U	i5-430M	2.26	2.53	*4GB*	14.0" WXGA	LED	1.3M	Intel HD, HD 5650	500GB	DVD±RW	Intel 1000	Black	None	Prem 64	Mar 10

- ***14.0" widescreen, glossy display with LED backlight***
- ***Dynamic switching between discrete and integrated graphics (user selectable)***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-330M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-430M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Switchable graphics	Switches between discrete and integrated graphics via graphic switch **Intel HD Graphics** in processor, and **ATI™ Mobility Radeon™ HD 5650**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key
Touch controls	Lenovo SlideNav bar, Power on, OneKey Theater, and Energy Management keys mute, volume up, volume down buttons
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 13.4" x 9.3" x 0.8" to 1.3"; 340mm x 235mm x 20mm to 32.8mm
Weight[2]	with optical drive and battery: *6-cell:* 4.85 lb (2.2 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCIe Mini Card slots
Intel 1000	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

90-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced March 11, 2010

© Lenovo

IdeaPad™ Y460 (0633) - Switchable (web only models)

	Type-model	Pro-cessor	Max turbo GHz (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Switchable graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
✂	0633-46U	i5-520M	2.40 2.93	*4GB*	14.0" HD	LED	1.3M	Intel HD, HD 5650	500GB[8]	DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
	0633-4GU	i5-460M	2.53 2.80	*4GB*	14.0" HD	LED	1.3M	Intel HD, HD 5650	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
	0633-4HU	i5-560M	2.66 3.20	*4GB*	14.0" HD	LED	1.3M	Intel HD, HD 5650	500GB	Blu-ray	Intel 1000	Black	Blue	Prem 64	Nov 10
☞	0633-4JU	i5-460M	2.53 2.80	*4GB*	14.0" HD	LED	1.3M	Intel HD, HD 5650	750GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- ***14.0" widescreen, glossy display with LED backlight***
- ***Dynamic switching between discrete and integrated graphics (user selectable)***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i5 processor i5-460M**, **i5-520M**, or **i5-560M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA optical	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in *Some:* Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in
SATA disk	**500GB** (5400 rpm) or **750GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **HD** (WXGA 1366x768) **TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Switchable graphics	Switches between discrete and integrated graphics via graphic switch **Intel HD Graphics** in processor, and **ATI™ Mobility Radeon™ HD 5650**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key
Touch controls	Lenovo SlideNav bar, Power on, OneKey Theater, and Energy Management keys, mute, volume up, volume down buttons
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 13.4" x 9.3" x 0.8" to 1.3"; 340mm x 235mm x 20mm to 32.8mm
Weight[2]	with optical drive and battery: *6-cell:* 4.85lb (2.2 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCIe Mini Card slots
Intel 1000	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password,, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

90-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced December 1, 2010; previous models on February 16 or November 3, 2010
✂ US model withdrawn effective November 2010

© Lenovo

ideapad

Lenovo IdeaPad Y560

Lenovo IdeaPad Y560

Lenovo IdeaPad Y560

Lenovo IdeaPad Y560

Lenovo IdeaPad Y560

Lenovo IdeaPad Y560

IdeaPad™ Y560 (0646) - GMA (Windows 7)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory (MHz)	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk GB[8] rpm	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0646-55U	i3-370M	2.40		2GBx2 1066	15.6" HD	LED	1.3M	Intel HD	500GB 5400	DVD±RW	11b/g/n[28]	Black	None	Prem 64	Aug 10
0646-53U	i5-460M	2.53	2.80	2GBx2 1066	15.6" HD	LED	1.3M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Black	None	Prem 64	Aug 10
0646-52U	i5-460M	2.53	2.80	4+2GB 1066	15.6" HD	LED	1.3M	Intel HD	500GB 5400	DVD±RW	11b/g/n	Black	None	Prem 64	Aug 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-460M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** or **6GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
Diskette drive	None
SATA optical	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95lb (2.7 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros® chip
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password,, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced August 25, 2010

© Lenovo

IdeaPad™ Y560 (0646) - Switchable (Windows 7) - web only models

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Switchable graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
✂ 0646-26U	i5-520M	2.40	2.93	*4GB*	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
✂ 0646-27U	i5-430M	2.26	2.53	*4GB*	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
✂ 0646-28U	i3-330M	2.13		*4GB*	15.6" HD	LED	1.3M	Intel HD, HD 5730	320GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
0646-59U	i3-370M	2.40		*4GB*	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
0646-5AU	i5-460M	2.53	2.80	*4GB*	15.6" HD	LED	1.3M	Intel HD, HD 5730	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
☞ 0646-5EU	i5-460M	2.53	2.80	*4GB*	15.6" HD	LED	1.3M	Intel HD, HD 5730	750GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Dynamic switching between discrete and integrated graphics (user selectable)***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-330M** or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache **Intel Core i5 processor i5-430M**, **i5-460M**, or **i5-520M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm), **500GB** (5400 rpm), or **750GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Switchable graphics	Switches between discrete and integrated graphics via graphic switch **Intel HD Graphics** in processor, and **ATI™ Mobility Radeon™ HD 5730**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95lb (2.7 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots
Intel 1000	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

90-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information

☞ US model announced December 1, 2010; previous model on February 16 or November 3, 2010

✂ US models withdrawn effective November 2010

© Lenovo

IdeaPad™ Y560 (0646) - ATI (Windows 7)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory (MHz)	Widescreen display	CCFL or LED	Cam-era	Discrete graphics	SATA disk GB[8] rpm	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0646-54U	i7-740QM	1.73	2.93	2GBx2 1333	15.6" HD	LED	1.3M	HD 5730	500GB 5400	DVD±RW	11b/g/n[28]	Black	None	Prem 64	Aug 10
0646-56U	i7-740QM	1.73	2.93	4+2GB 1333	15.6" HD	LED	1.3M	HD 5730	640GB 5400	Blu-ray	11b/g/n	Black	None	Prem 64	Aug 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i7 processor i7-740QM** with **quad-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache
Memory	**4GB** or **6GB** std / 8GB max[7]; **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
Diskette drive	None
SATA optical	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in *Some:* Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in
SATA disk	**500GB** (5400 rpm) or **640GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**ATI™ Mobility Radeon™ HD 5730**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95lb (2.7 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros® chip
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

120-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced August 25, 2010

© Lenovo

IdeaPad™ Y560 (0646) - Switchable (Windows 7)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Switchable graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0646-23U	i3-330M	2.13		*4GB*	15.6" HD	LED	Intel HD, HD 5730	500GB[8]		DVD±RW	Intel 1000[28]	Black	None	Prem 64	Mar 10
0646-22U	i5-430M	2.26	2.53	*4GB*	15.6" HD	LED	Intel HD, HD 5730	500GB		DVD±RW	Intel 1000	Black	None	Prem 64	Mar 10
☞ 0646-2YU	i5-460M	2.53	2.80	*4GB*	15.6" HD	LED	Intel HD, HD 5730	500GB	32GB	Blu-ray	11b/g/n[28]	Black	None	Prem 64	Aug 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Dynamic switching between discrete and integrated graphics (user selectable)***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-330M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-430M** or **i5-460M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA optical	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in *Some:* Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
mSATA™ SSD	*Some:* **32GB** mSATA Solid State Drive (SSD), via PCIe Mini Card slot
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Switchable graphics	Switches between discrete and integrated graphics via graphic switch **Intel HD Graphics** in processor, and **ATI™ Mobility Radeon™ HD 5730**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95 lb (2.7 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots
Intel 1000[28]	*Some:* 11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
11b/g/n[28]	*Some:* 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros® chip
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

90-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information

☞ US model announced August 25, 2010; previous models on March 11, 2010

© Lenovo

IdeaPad™ Y560 (0646) - ATI (Windows 7) - web only models

	Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory (MHz)	Widescreen display	CCFL or LED	Discrete graphics	SATA disk GB[8] rpm	mSATA SSD	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
✂	0646-2AU	i7-720QM	1.60	2.80	2GBx2 1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Mar 10
	0646-58U	i7-740QM	1.73	2.93	4GBx1 1333	15.6" HD	LED	HD 5730	500GB 7200	32GB	Blu-ray	Intel 6200	Black	Blue	Prem 64	Nov 10
	0646-5BU	i7-740QM	1.73	2.93	2GBx2 1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
	0646-5CU	i7-740QM	1.73	2.93	4GBx2 1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
	0646-5DU	i7-740QM	1.73	2.93	4+2GB 1333	15.6" HD	LED	HD 5730	750GB 5400		DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
☞	0646-5GU	i7-740QM	1.73	2.93	4+2GB 1333	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i7 processor i7-720QM** or **i7-740QM** with **quad-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache
Memory	**4GB**, **6GB**, or **8GB** std / 8GB max[7]; **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
Diskette drive	None
SATA optical	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in *Some:* Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in
SATA disk	**500GB** (7200 rpm) or **750GB** (5400 rpm)/ SATA 3.0Gb/s, 9.5mm high
mSATA™ SSD	*Some:* **32GB** mSATA Solid State Drive (SSD), via PCIe Mini Card slot
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**ATI™ Mobility Radeon™ HD 5730**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95lb (2.7 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots
Intel 1000[28]	*Some:* 11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Intel 6200[28]	*Some:* 11a/b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino Advanced-N 6200, 2x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password,, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

120-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced December 1, 2010; previous model on February 16 or November 3, 2010
✂ US model withdrawn effective November 2010

© Lenovo
(HWI1-2) December 2010

IdeaPad™ Y560d (0646) - 3D (Windows 7) - web only models

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Discrete graphics	SATA disk GB[8] rpm	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0646-2NU	i7-720QM	1.60	2.80	2GBx2	15.6" HD (3D)	LED	1.3M	HD 5730	500G 7200	DVD±RW	Intel 6200[28]	Black	Blue	Prem 64	Oct 10
0646-57U	i7-740QM	1.73	2.93	4+2GB	15.6" HD (3D)	LED	1.3M	HD 5730	500G 7200	DVD±RW	Intel 6200	Black	Blue	Prem 64	Oct 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***3D panel and glasses - enjoy compatible games and movies in 3D vision***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These system are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i7 processor i7-720QM** or **i7-740QM** with **quad-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache
Memory	**4GB** or **6GB** std / 8GB max[7]; **PC3-10600 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**500GB** (7200 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio, with 3D panel
3D glasses	3D glasses and clip-on lenses for conversion of normal optical glasses
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**ATI™ Mobility Radeon™ HD 5730**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95lb (2.7 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots
Intel 6200[28]	11a/b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Advanced-N 6200, 2x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerDVD (3D models)
- TriDef Media Player (3D models)
- Lenovo DirectShare
- Lenovo SlideNav

120-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced September 28, 2010

© Lenovo

ideapad

Lenovo IdeaPad Y650

Lenovo IdeaPad Y650

Lenovo IdeaPad Y650

Lenovo IdeaPad Y650

Lenovo IdeaPad Y650

Lenovo IdeaPad Y650

Part number	Processor	GHz	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	ENERGY STAR 5.0	Vista preload	Avail date
59019001	P8600	2.40	*4GB*	16.0" WXGA	LED	Cam	GMA	320GB[8]	DVD±RW	✣ Intel 5100[28]	Black	Blue	ES50	Prem 64	Apr 09
☞ 59018999	P8600	2.40	*4GB*	16.0" WXGA	LED	Cam	GMA	320GB	DVD±RW	✣ Intel 5100	Black	Blue	ES50	Prem 64	May 09

- ***16.0" widescreen, glossy display with LED backlight***
- ***Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ 2 Duo processor P8600** with **dual-core**, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable
Widescreen display	**16.0"** (406.4mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45, HDMI port supporting HDCP to output protected content
Keyboard	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.4" x 10.2" x 1.0"; 390mm x 260mm x 26mm
Weight[2]	with optical drive and battery: *6-cell:* 5.62 lb (2.55 kg)
Case color	Black top with engraved pattern, black bottom
Case material	*Top:* carbon fiber reinforced plastic; *Bottom:* magnesium-aluminum alloy
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port
TV tuner	None
Mini PCI Express	Three Mini PCI Express slots
Intel 5100[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two JBL® stereo speakers (2 watt), Dolby® Home Theater™ Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)
Security	Hard disk password, user password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
✧ Vista Premium logo

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- Norton Internet Security™ (90 days of virus definitions)
- Adobe® Reader
- Easy Capture
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo Desktop Navigator software

Available at these retailers
- TigerDirect

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information ✣Intel Centrino® 2 processor technology
☞ US model announced May 27, 2009; previous models on April 7, 2009

© Lenovo

Type-model	Pro-cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	ENERGY STAR 5.0	Vista preload	Avail date
4185-36U	P8600	2.40	*3GB*	16.0" WXGA	LED	Cam	GMA	320GB[8]	DVD±RW	✣ Intel 5100[28]	Black	Blue	ES50	Prem 32	Feb 09
4185-56U	P8700	2.53	*4GB*	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	✣ Intel 5100	Black		ES50	Prem 64	Aug 09
☞ 4185-55U	P8700	2.53	*4GB*	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	✣ Intel 5100	Black		ES50	Prem 64	Aug 09
☞ 4185-75U	P8700	2.53	*4GB*	16.0" WXGA	CCFL	Cam	GMA	320GB	DVD±RW	✣ Intel 5100	Black		ES50	Prem 64	Aug 09

- ***16.0" widescreen, glossy display***
- ***Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ 2 Duo processor P8600** or **P8700** with **dual-core**, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**3GB** or **4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable
Widescreen display	**16.0"** (406.4mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy); *Some:* **LED backlight**, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio *Some:* CCFL backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45, HDMI port supporting HDCP to output protected content
Keyboard	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.4" x 10.2" x 1.0" to 1.2"; 390mm x 260mm x 26 to 30mm
Weight[2]	with optical drive and battery: *6-cell:* 5.62 lb (2.55 kg)
Case color	Black top, black bottom
Case material	*Top:* carbon fiber reinforced plastic; *Bottom:* magnesium-aluminum alloy
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port
TV tuner	None
Mini PCI Express Intel 5100[28]	Three Mini PCI Express slots 11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	*Some:* Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two JBL stereo speakers (2 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)
Security	Hard disk password, user password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® Vista® Home Premium 32
- *Some:* Genuine Windows Vista Home Premium 64

✧ Vista Premium logo

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- Norton Internet Security™ (90 days of virus definitions)
- Adobe® Reader
- Easy Capture
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo Desktop Navigator software

Available at these retailers
- lenovo.com

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information ✣Intel Centrino® 2 processor technology
☞ US models announced August 19, 2009; previous models on February 24 or August 5, 2009

© Lenovo

IdeaPad™ Y650 (4185) - GMA (Windows 7)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Win7 preload	Avail date
4185-57U	P8700	2.53	*4GB*	16.0" HD	CCFL	1.3M	GMA 4500MHD	500GB[8]	DVD±RW	✣ Intel 5100[28]	Black	None	Prem 64	Nov 09

- ***16.0" widescreen, glossy display***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive slide bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ 2 Duo processor P8700** with **dual-core**, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable
Widescreen display	**16.0"** (406.4mm) **HD** (WXGA 1366x768) **TFT color**, **VibrantView** (glossy); CCFL backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45, HDMI port supporting HDCP to output protected content
Keyboard	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.4" x 10.2" x 1.0" to 1.2"; 390mm x 260mm x 26 to 30mm
Weight[2]	with optical drive and battery: *6-cell:* 5.62 lb (2.55 kg)
Case color	Black top, black bottom
Case material	*Top:* carbon fiber reinforced plastic; *Bottom:* magnesium-aluminum alloy
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port
TV tuner	None
Mini PCI Express	Three Mini PCI Express slots
Intel 5100[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two JBL stereo speakers (2 watt), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)
Security	Hard disk password, user password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus (60 days of virus defi nitions)
- Adobe® Reader®
- Easy Capture
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo Desktop Navigator software

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced November 3, 2009

✣Intel Centrino® 2 processor technology

© Lenovo

Type-model	Processor	GHz	Memory	Widescreen display	CCFL or LED	Cam-era	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Vista preload	Avail date
4185-37U	P8600	2.40	*3GB*	16.0" WXGA	LED	Cam	G105M	320GB[8]	DVD±RW	✣ Intel 5100[28]	Black	Blue	Prem 64	Feb 09
4185-34U	P8700	2.53	*4GB*	16.0" WXGA	LED	Cam	G105M	320GB	DVD±RW	✣ Intel 5100	Black	Blue	Prem 64	Feb 09

- ***16.0" widescreen, glossy display with LED backlight***
- ***Lenovo® Desktop Navigator easily toggles between shortcuts, files, and other frequently used programs with touch-sensitive slide bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ 2 Duo processor P8600** or **P8700** with **dual-core**, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**3GB** or **4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 9.5 mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable
Widescreen display	**16.0"** (406.4mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**NVIDIA® GeForce® G105M**, PCI Express® x16, **256MB** memory, DirectX® 10, PureVideo® HD technology, VGA, HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, 84-key, recovery key, mute, vol up, vol down button
Touch controls	Lenovo Desktop Navigator, OneKey Theater, and Dolby control center key
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.4" x 10.2" x 1.0"; 390mm x 260mm x 26mm
Weight[2]	with optical drive and battery: *6-cell:* 5.62 lb (2.55 kg)
Case color	Black top with engraved pattern, black bottom
Case material	*Top:* carbon fiber reinforced plastic; *Bottom:* magnesium-aluminum alloy
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 2.5 hr
Chipset	**Mobile Intel PM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, ethernet MAC)
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Two USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45), CIR, eSATA port
TV tuner	None
Mini PCI Express	Three Mini PCI Express slots
Intel 5100[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM5784, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two JBL® stereo speakers (2 watt), Dolby® Home Theater™ Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (SPDIF-out) (stereo, 3.5 mm)
Security	Hard disk password, user password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
- ✧ Vista Premium logo

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- Norton Internet Security™ (90 days of virus definitions)
- Adobe® Reader
- Easy Capture
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo Desktop Navigator software

Available at these retailers
- lenovo.com

90-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 78Y1540
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 78Y1541
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced February 24, 2009

✣Intel Centrino® 2 processor technology

© Lenovo

ideapad

Lenovo IdeaPad Z360

Lenovo IdeaPad Z360

Lenovo IdeaPad Z360

Lenovo IdeaPad Z360

Lenovo IdeaPad Z360

Lenovo IdeaPad Z360

IdeaPad™ Z360 (0912) - GMA (Windows 7) - web only models

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Bluetooth	Win7 preload	Avail date
0912-33U	i3-350M	2.26		*3GB*	13.3" HD	LED	1.3M	Intel HD	500GB[8]	DVD±RW	WiMAX	Black	Bluetooth	Prem 64	Jul 10
☞ 0912-34U	i3-370M	2.40		*3GB*	13.3" HD	LED	1.3M	Intel HD	500GB	DVD±RW	WiMAX	Black	Bluetooth	Prem 32	Dec 10
☞ 0912-36U	i5-460M	2.53	2.80	*4GB*	13.3" HD	LED	1.3M	Intel HD	500GB	DVD±RW	WiMAX	Black	Bluetooth	Prem 64	Dec 10

- ***13.3" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-350M** or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-460M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**3GB** or **4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**13.3"** (337.8mm) **HD** (WXGA1366x768) **TFT color**, **VibrantView** (glossy); **LED backlight**, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 12.9" x 8.6" x 0.8" to 1.3"; 327mm x 219mm x 20mm to 34mm
Weight[2]	with optical drive and battery: *6-cell:* 4.41 lb (2.0kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	None
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card WiMAX	One PCIe Mini Card slot 11a/b/g/n and WiMAX wireless, PCIe Half Mini Card, Intel Centrino Advanced-N + WiMAX 6250, 2x2 AGN + 1x2 WiMAX
Bluetooth™	Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	10/100M ethernet, Atheros® AR8152
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information

☞ US models announced December 1, 2010; previous model on May 12, 2010

© Lenovo

IdeaPad™ Z360 (0912) - NVIDIA (Windows 7) - web only models

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Discrete graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0912-32U	i5-450M	2.40	2.66	*4GB*	13.3" HD	LED	1.3M	GF 310M 512MB	500GB[8]	DVD±RW	WiMAX	Black	Blue	Prem 64	Jul 10
☞ 0912-35U	i5-560M	2.66	3.20	*4GB*	13.3" HD	LED	1.3M	GF 310M 1GB	500GB	DVD±RW	WiMAX	Black	Blue	Prem 64	Dec 10

- ***13.3" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i5 processor i5-450M** or **i5-560M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**13.3"** (337.8mm) **HD** (WXGA1366x768) **TFT color**, **VibrantView** (glossy); **LED backlight**, 200 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**NVIDIA® GeForce® 310M**, PCI Express® x16, **512MB** or **1GB** memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 12.9" x 8.6" x 0.8" to 1.3"; 327mm x 219mm x 20mm to 34mm
Weight[2]	with optical drive and battery: *6-cell:* 4.41 lb (2.0kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4.5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	None
Multicard reader	4-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	One PCIe Mini Card slot
WiMAX	11a/b/g/n and WiMAX wireless, PCIe Half Mini Card, Intel Centrino Advanced-N + WiMAX 6250, 2x2 AGN + 1x2 WiMAX
Bluetooth™	Bluetooth 2.1 wireless, internal USB 2.0 interface
Modem	None
Ethernet	10/100M ethernet, Atheros® AR8152
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced December 1, 2010; previous model on May 12, 2010

© Lenovo

ideapad

Lenovo IdeaPad Z460

Lenovo IdeaPad Z460

Lenovo IdeaPad Z460

Lenovo IdeaPad Z560

Lenovo IdeaPad Z560

Lenovo IdeaPad Z460

IdeaPad™ Z460 (0913) - GMA (Windows 7)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Bluetooth	Win7 preload	Avail date
0913-32U	i3-330M	2.13	*3GB*	14.0" WXGA	LED	0.3M	Intel HD	320GB[8]	DVD±RW	11b/g/n[28]	Black	None	Prem 32	May 10

- ***14.0" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***This system is Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-330M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache
Memory	**3GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **HD** (WXGA1366x768) **TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.4" x 9.1" x 0.7" to 1.4"; 340mm x 231.8mm x 17.2mm to 34.4mm
Weight[2]	with optical drive and battery: *6-cell:* 4.85 lb (2.2 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros chip
Bluetooth™	None
Modem	None
Ethernet	10/100M ethernet, Realtek® RTL8103EL
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 32

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced May 12, 2010

© Lenovo

IdeaPad™ Z560 (0914) - GMA (Windows 7)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0914-32U	i3-330M	2.13		*3GB*	15.6" HD	LED	0.3M	Intel HD	320GB[8]	DVD±RW	11b/g/n[28]	Black	None	Prem 64	May 10
0914-38U	i3-350M	2.26		*4GB*	15.6" HD	LED	1.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black	None	Prem 64	May 10
0914-37U	i5-450M	2.40	2.66	*4GB*	15.6" HD	LED	1.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black	None	Prem 64	May 10
☞ 0914-3NU	i3-370M	2.40		*4GB*	15.6" HD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	None	Prem 64	Aug 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-330M**, **i3-350M** or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-450M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**3GB** or **4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) or **500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel or 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm
Weight[2]	with optical drive and battery: *6-cell:* 5.73 lb (2.6 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCIe Mini Card slots
11b/g/n[28]	11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros chip
Bluetooth™	None
Modem	None
Ethernet	10/100M ethernet, Realtek® RTL8103EL
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced August 25, 2010; previous models on May 12, 2010

© Lenovo

IdeaPad™ Z560 (0914) - GMA (Windows 7) - web only models

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Bluetooth	Win7 preload	Avail date
0914-3AU	i3-350M	2.26		*3GB*	15.6" HD	LED	1.3M	Intel HD	500GB[8]	DVD±RW	11b/g/n[28]	Black	Blue	Prem 64	May 10
0914-3DU	i3-350M	2.26		*3GB*	15.6" HD	LED	1.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black	Blue	Prem 64	May 10
0914-3EU	i5-450M	2.40	2.66	*4GB*	15.6" HD	LED	1.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	Blue	Prem 64	May 10
☞ 0914-3JU	i3-370M	2.40		*3GB*	15.6" HD	LED	1.3M	Intel HD	320GB	DVD±RW	11b/g/n	Black	Blue	Prem 32	Dec 10
☞ 0914-3LU	i5-460M	2.53	2.80	*4GB*	15.6" HD	LED	1.3M	Intel HD	500GB	DVD±RW	Intel 1000[28]	Black	Blue	Prem 64	Dec 10
☞ 0914-3MU	i3-370M	2.40		*4GB*	15.6" HD	LED	1.3M	Intel HD	500GB	DVD±RW	11b/g/n	Black	Blue	Prem 64	Dec 10
☞ 0914-3PU	i5-460M	2.53	2.80	*4GB*	15.6" HD	LED	1.3M	Intel HD	750GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-350M** or **i3-370M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-450M** or **i5-460M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**3GB** or **4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm), **500GB** (5400 rpm), or **750GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**Intel HD Graphics** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm
Weight[2]	with optical drive and battery: *6-cell:* 5.73 lb (2.6 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros chip
Intel 1000[28]	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000
Bluetooth™	Bluetooth 2.1 wireless, LED indicator
Modem	None
Ethernet	10/100M ethernet, Realtek® RTL8103EL
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced December 1, 2010; previous models on May 12, 2010

© Lenovo

IdeaPad™ Z560 (0914) - NVIDIA (Windows 7)

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Discrete graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0914-39U	i3-350M	2.26		*4GB*	15.6" WXGA	LED	1.3M	GF 310M	320GB[8]	DVD±RW	11b/g/n[28]	Black	None	Prem 64	May 10
0914-33U	i5-430M	2.26	2.53	*4GB*	15.6" WXGA	LED	1.3M	GF 310M	320GB	DVD±RW	11b/g/n	Black	None	Prem 64	May 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3 processor i3-350M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or **Intel Core i5 processor i5-430M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**NVIDIA® GeForce® G310M**, PCI Express® x16, **512MB** memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm
Weight[2]	with optical drive and battery: *6-cell:* 5.73 lb (2.6 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros chip
Bluetooth™	None
Modem	None
Ethernet	10/100M ethernet, Realtek® RTL8103EL
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced May 12, 2010

© Lenovo

IdeaPad™ Z560 (0914) - NVIDIA (Windows 7) - web only models

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Cam-era	Discrete graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0914-3BU	i5-540M	2.53	3.06	*4GB*	15.6" HD	LED	1.3M	GF 310M 512MB	500GB[8]	DVD±RW	Intel 1000[28]	Black	Blue	Prem 64	May 10
☞ 0914-3KU	i5-460M	2.53	2.80	*4GB*	15.6" HD	LED	1.3M	GF 310M 512MB	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10
☞ 0914-3HU	i5-460M	2.53	2.80	*4GB*	15.6" HD	LED	1.3M	GF 310M 1GB	500GB	DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***This system is Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i5 processor i5-460M** or **i5-540M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**NVIDIA® GeForce® 310M**, PCI Express® x16, **512MB** or **1GB** memory, DirectX® 10.1, NVIDIA PureVideo® HD technology, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm
Weight[2]	with optical drive and battery: *6-cell:* 5.73 lb (2.6 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Two PCIe Mini Card slots
Intel 1000[28]	11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Bluetooth™	Bluetooth 2.1 wireless, LED indicator
Modem	None
Ethernet	10/100M ethernet, Realtek® RTL8103EL
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio certification / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced December 1, 2010; previous model on May 12, 2010

© Lenovo

Type-model	Pro-cessor	GHz	Cores	Memory	Widescreen display	CCFL or LED	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Ethernet	Blue-tooth	Win7 preload	Avail date
4311-35U	N530	2.50	2	*4GB*	15.6" HD	LED	1.3M	HD 4270	320GB[8]	DVD±RW	11b/g/n[28]	Black	1000M	None	Prem 64	Jul 10
4311-36U	N830	2.10	3	*4GB*	15.6" HD	LED	1.3M	HD 4270	320GB	DVD±RW	11b/g/n	Black	1000M	None	Prem 64	Jul 10
☞ 4311-3CU	P540	2.40	2	*4GB*	15.6" HD	LED	0.3M	HD 4270	500GB	Blu-ray	11b/g/n	Black	100M	None	Prem 64	Aug 10
☞ 4311-3DU	P540	2.40	2	*4GB*	15.6" HD	LED	0.3M	HD 4270	500GB	DVD±RW	11b/g/n	Black	100M	None	Prem 64	Aug 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**AMD® Turion™ II Dual-Core Mobile processor N530** or **P540** with **dual-core**, integrated DDR3 memory controller, and 2MB L2 cache or **AMD Phenom™ II Triple-Core Mobile processor N830** with **triple-core**, integrated DDR3 memory controller, and 1.5MB L2 cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA optical	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in *Some:* Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, 12.7mm, tray-in
SATA disk	**320GB** (5400 rpm) or **500GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel or 1.3-megapixel, fixed focus, LED indicator
Integrated graphics	**ATI™ Mobility Radeon™ HD 4270 Graphics**, in M880G, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm
Weight[2]	with optical drive and battery: *6-cell:* 5.73 lb (2.6 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 4 hr
Chipset	**AMD M880G Chipset,** SB820M south bridge
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros chip
Bluetooth™	None
Modem	None
Ethernet	*Some:* 10/100M ethernet, Atheros AR8152 *Some:* Gigabit ethernet, Atheros AR8151
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

65-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced August 25, 2010; previous models on July 7, 2010

© Lenovo

IdeaPad™ Z565 (4311) - Discrete (Windows 7)

Type-model	Pro-cessor	GHz	Cores	Memory	Widescreen display	CCFL or LED	Cam-era	Discrete graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Win7 preload	Avail date
4311-37U	P520	2.30	2	*4GB*	15.6" HD	LED	0.3M	HD 5470	320GB[8]	DVD±RW	11b/g/n[28]	Black	Keypad	None	Prem 64	Jul 10
4311-34U	N530	2.50	2	*4GB*	15.6" HD	LED	0.3M	HD 5470	320GB	DVD±RW	11b/g/n	Black	Keypad	None	Prem 64	Jul 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Dolby® Advanced Audio™ certified audio system***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**AMD® Turion™ II Dual-Core Mobile processor P520** or **N530** with **dual-core**, integrated DDR3 memory controller, and 2MB L2 cache
Memory	**4GB** std / 8GB max[7]; **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, LED indicator
Discrete graphics	**ATI™ Mobility Radeon™ HD 5470**, PCI Express® x16, **512MB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery button
Numeric keypad	Numeric keypad on right of keyboard
Touch controls	Touch-sensitive buttons for mute, OneKey Theater, Smart noise control, and Energy Management
Light sensor	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 14.8" x 9.8" x 0.7" to 1.4"; 376.8mm x 249.8mm x 17.3mm to 34.9mm
Weight[2]	with optical drive and battery: *6-cell:* 5.73 lb (2.6 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3.5 hr
Chipset	**AMD M880G Chipset,** SB820M south bridge
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	Two PCIe Mini Card slots 11b/g/n wireless[4], PCIe Half Mini Card, Broadcom® chip or Atheros chip
Bluetooth™	None
Modem	None
Ethernet	Gigabit ethernet, Atheros AR8151
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2), Dolby Advanced Audio™ certified / microphone, microphone input jack (3.5 mm), headphone jack (stereo, 3.5 mm)
Security	User password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Lenovo DirectShare

90-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced July 7, 2010

© Lenovo

Partial list of accessories supported on:
IdeaPad S10, S10-2, S10-3, S10-3s, S10-3t, S12, U150, U160, U330, U350, U450p, Y450, Y460, Y550, Y560, Y650, Y730, Z360, and Z560

Memory

S10 and S10-3s		
2G PC2-5300 DDR2 SODIMM Memory	57Y6301	
Y460, Y560, Z360, and Z560		
1G PC3-8500 DDR3 SODIMM Memory	57Y6509	
2G PC3-8500 DDR3 SODIMM Memory	57Y6511	

Storage and removable storage

USB 2.0 MyKey E10 Flash Drive 1GB	45J7701	*ann 04/29/08*
USB 2.0 MyKey E10 Flash Drive 2GB	45J7702	*ann 04/29/08*
USB 2.0 MyKey E10 Flash Drive 4GB	45J7703	*ann 04/29/08*
USB 2.0 MyKey C40 Flash Drive 4GB	57Y6289	
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	*ann 11/18/08*
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	*ann 11/18/08*
USB 2.0 Portable 500GB Hard Disk	45K1690	*ann 05/26/09*
USB 2.0 Super Multi-Burner Drive (black)	45Y2152	*ann 01/06/09*
Lenovo DataSlim UHD E18 320GB	55Y9401	
Lenovo DataSlim UHD E18 500GB	55Y9402	
Lenovo Portable DVD Burner GP20N (black)	55Y9391	
Lenovo Portable DVD Burner GP20N (white)	55Y9392	

Expansion

Lenovo Essential Notebook Stand	45J9292	*ann 05/12/09*
Lenovo Notebook Stand S1801A (black)	57Y6484	
USB Port Replicator with Digital Video	45K1610	*ann 07/28/09*

Keyboard

Preferred Pro USB Keyboard	73P5220	*ann 06/21/05*
Enhanced Performance USB Keyboard	73P2620	*ann 03/23/04*
Lenovo Mini Wireless Keyboard N5901[52] (blk)	57Y6336	
Ultraslim Wireless Keyboard and Mouse[52]	57Y4700	*ann 09/15/09*

[52] Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Laser Mouse (USB)	41U3074	*ann 01/23/07*
Lenovo Mini Optical Mouse M30 (blue)	47J7738	*ann 06/17/08*
Mini Wireless Laser Mouse N10 (black)	45J7731	*ann 06/17/08*
Lenovo Optical Mouse A6010 (red)	57Y6483	
Lenovo Optical Mouse A6010 (black)	57Y6255	
Lenovo Mini Optical Mouse S10B (white)	55Y9358	
Lenovo Mini Optical Mouse S10B (black)	55Y9357	
Lenovo Mini Optical Mouse M20B	55Y2091	
Lenovo Mini Optical Mouse M30 (blue)	45J7738	
Bluetooth Laser Mouse N6901A (black)	57Y6464	
Bluetooth Laser Mice N6901A (glossy black)	57Y6482	
Lenovo Wireless Mouse N30B (black)	55Y9360	
Lenovo Mini Wireless Laser Mouse N10 (blk)	45J7731	

Multimedia

Lenovo Mini Speaker M220	55Y2033	
Lenovo Headphone P550	55Y2065	
Lenovo 7" LCD DPF P700 Black	55Y2059	
Lenovo 7" LCD DPF P710 Gold	55Y2048	

Batteries and adapters

IdeaPad S9/S10 Li-Ion Battery 6-cell (black)	45K2178	*ann 12/16/08*
IdeaPad S9/S10 Li-Ion Battery 6-cell (white)	45K2177	*ann 12/16/08*
IdeaPad S10-2 Li-Ion Battery 6-cell (black)	55Y9382	
IdeaPad S10-2 Li-Ion Battery 6-cell (white)	55Y9383	
IdeaPad S10-3t Li-Ion Battery 8-cell (black)	57Y6452	
IdeaPad S10-3 Li-Ion Battery 6-cell (white)	57Y6448	
IdeaPad S10-3 Li-Ion Battery 6-cell (black)	57Y6446	
IdeaPad U150 Li-Ion Battery 6-cell (black)	57Y6354	
IdeaPad U350 Li-Ion Battery 8-cell (black)	57Y6352	
IdeaPad U350 Li-Ion Battery 4-cell (white)	57Y6265	
IdeaPad U450P/U550 Li-Ion Battery 6-cell (b)	57Y6309	
IdeaPad Y450/Y550 Li-Ion Battery 6-cell	55Y2054	*ann 04/07/09*
IdeaPad Y460/Y560 Li-Ion Battery 6-cell (blk)	57Y6440	
G460/G560/V360/Z460/Z560 Li Battery 6-cell	57Y6454	
IdeaPad Y650 Li-Ion Battery 6-cell	55Y2055	*ann 04/07/09*

S9, S10, and U150		
IdeaPad S9/S10 40W AC Adapter (white)	45K2200	*ann 11/18/08*
IdeaPad S9/S10 40W AC Adapter (black)	45K2209	*ann 11/18/08*
S10-3, S10-3s, and S10-3t		
Lenovo 30W AC Adapter (white)	57Y6430	
Lenovo 30W AC Adapter (black)	57Y6415	
S10-2, S12, and U160		
Lenovo 40W AC Adapter 40A (white)	55Y9361	
Lenovo 40W AC Adapter 40A (black)	55Y9370	
Y460, Y560, Z360, and Z560		
Lenovo 65W AC Adapter 65A	57Y6400	
U350, U450P, U550, Y450, Y550, and Y650		
Ideapad 65W AC Adapter	45K2225	
Y460 and Y560		
Lenovo 90W AC Adapter 90A	57Y6385	
U330, U350, U450P, U550, Y450, Y550, Y650 and Y730[45]		
Lenovo 90W AC Adapter	45J7717	*ann 08/12/08*

[45] Only compatible with the integrated graphic models of Y730

Y560		
Lenovo 120W AC Adapter	57Y6549	

Carrying Cases

IdeaPad 10" Sleeve S1616 (Black)	57Y6456	
Ideapad 11" Sleeve S310	55Y2086	
Ideapad 12" TopLoader T220 (Black)	55Y2024	
Ideapad 12" TopLoader T220 (Grey)	55Y2025	
Ideapad 13" Sleeve S135 (Pink)	57Y6320	
Ideapad 13" Sleeve S135 (Grey)	57Y6318	
Ideapad 13" Sleeve S135 (Black)	57Y6319	
Wenger 14" Backpack CB540	55Y2082	
Ideapad 15" Backpack B450 (Blue-Basic)	55Y2093	
Ideapad 15" Backpack B450 (Black-Basic)	55Y2094	
IdeaPad 15” Backpack B450 (pink)	55Y2034	*ann 01/06/09*
Ideapad 15" Backpack B450 (Blue)	55Y2035	
Lenovo 15" Backpack B5650	57Y6457	
Lenovo 15" Entry Backpack B10	45J5468	*ann 07/15/08*
IdeaPad 15"" TopLoader T150 (Green)	55Y9397	
IdeaPad 15" Messenger Case M150 (White)	55Y9381	
IdeaPad 15" Messenger Case M150 (Black)	55Y9380	
Ideapad 16" TopLoader T360	55Y2100	

Monitors

Lenovo L2230x Wide 21.5" Monitor	5453HB1	*ann 06/10/10*
ThinkVision® L1711p 17" Monitor	5047HB2	*ann 10/20/09*
ThinkVision L1900p 19" Monitor	4431HE1	*ann 11/11/08*
ThinkVision L1951p Wide 19" Monitor	2448HB6	*ann 10/20/09*
ThinkVision L2250p Wide 22" Monitor	2572HB6	*ann 10/20/09*
ThinkVision L2251p Wide 22" Monitor	2572HD6	*ann 10/20/09*
ThinkVision L2251x Wide 22" Monitor	2578HB6	*ann 10/20/09*
ThinkVision L2321x Wide 23" Monitor	4014HB6	*ann 06/10/10*
ThinkVision L2440p Wide 24" Monitor	4420HB2	*ann 09/17/08*

Monitor Accessories[46]

ThinkVision USB Soundbar	40Y7616	*ann 08/23/05*
ThinkVision Soundbar	45K1263	*ann 09/16/08*
Kensington® MicroSaver® Cable Lock	73P2582	*ann 12/29/03*
Kensington Twin Head Cable Lock	45K1620	*ann 09/30/08*
Lenovo Security Cable Lock	57Y4303	*ann 08/24/10*
Lenovo Easy Reach Monitor Stand	55Y9258	*ann 09/22/09*

[46] Compatible on selected ThinkVision monitors.

More information at **www.lenovo.com/support/monitoraccessories**

Consumer monitors

Lenovo L195 Wide 19" LCD Monitor	4418HC1	*ann 09/02/08*
Lenovo L222 Wide 22" LCD Monitor	4432HF1	*ann 09/02/08*

Other accessories at **www.lenovo.com/accessories**

Accessories Guide pdf at **www.lenovo.com/accessoriesguide**

© Lenovo

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

Footnotes:

[1] Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.

[2] **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.

[3] **Thinness** may vary at certain points on the system.

[4] **Wireless capability:** Requires compatible wireless-enabled options sold separately.

[5] **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.

[6] **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

[7] **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.

[8] **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

[9] **Service upgrade options:** Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees.

[10] **Battery:** These model numbers achieved the battery life based on MobileMark® 2007 during testing. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

[11] **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.

[12] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

[13] **Onsite Repair:** If a machine is listed as having "On-site", this means that on-site service is available for the replacement of parts for warranty repairs. Certain parts, referred to as Customer Replaceable Unit ("CRU") parts, are easy to install and require little or no tools or technical knowledge. Some examples of CRU parts are mice, keyboards, hard disk drives, speakers, and memory. If your problem can be resolved with a CRU, the Support Center will offer to ship the part to you for you to install.

[14] **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

[15] **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

[16] **Response times may vary.** May exclude some holidays. Telephone support may be subject to additional charges.

[17] **International Warranty Service** is available for most products in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

[18] **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary and may exclude some holidays.

[19] **Depot repair service:** In the United States call 1-877-453-6686. The customer may be asked certain diagnostic questions before a courier is sent. Your purchase includes this depot repair service, available in the U.S. during the limited warranty period.

[20] **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

[21] **For combination drives**, maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.

[22] **Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part can be express shipped to you for quick replacement. For notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

[25] **Wireless WAN Cards:** Wireless data service requires separate agreement with Verizon Wireless. Verizon Wireless, not Lenovo, is solely responsible for service. Monthly and airtime charges may apply. Service may not be available in all areas; purchaser is responsible for verifying with Verizon Wireless that service is available for the intended location before the purchase of the card. For complete details, including service plans, additional required hardware or software, and service coverage, visit www.verizonwireless.com.

[28] **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

ideapad

This publication was developed for products and services offered in the United States. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.

Trademarks: Lenovo, the Lenovo logo, New World. New Thinking., Access Connections, Rescue and Recovery, ThinkVantage, and ThinkVision are trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside logo, Intel Atom, Intel Core and Core Inside are trademarks of Intel Corporation in the US and other countries. Other company, product, or service names may be trademarks or service marks of others.

ENERGY STAR: As an ENERGY STAR Partner, Lenovo has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Visit **www.lenovo.com/safecomputing** periodically for the latest information on safe and effective computing.

Visit **www.lenovo.com/psref** for the latest version of Personal Systems Reference.

© Lenovo, 2010.
All rights reserved.

Lenovo
1009 Think Place
Morrisville, NC 27560
U.S.A.

December 2010
ipbook.pdf